

**RADIAN RESEARCH, INC.  
MODEL 505 CALIBRATION FACTORS**Serial Number 50319Model 505-020Date of Calibration 4/16/11

Calibration corrections at shipment

RMS Converter Response FASTOperating Frequency 60 HzVoltage Gain, 0-140V range 1.0113Voltage Gain, 140-600V range 1.0070Secondary I Gain, 0-2A range 0.9980Secondary I Gain, 2-20A range 0.9855Primary I Gain, 0-0.2V range 1.0050Primary I Gain, 0.2-3V range 1.0054Admittance Offset, 0-1 mS range 0.08Admittance Gain, 0-1 mS range 1.2498Admittance Poly, 0-1 mS range -0.1626Admittance Offset, 1-10 mS range 0.15Admittance Gain, 1-10 mS range 1.0328Admittance Poly, 1-10 mS range -0.0027Admittance Offset, 10-100 mS range 0.47Admittance Gain, 10-100 mS range 0.9713Admittance Poly, 10-100 mS range 0.0000Phase Offset, Voltage to Sec -4.60Phase Offset, Pri to Sec 9.05Voltage Burden Dwell Time 0.8000Current Burden Dwell Time 0.8000